

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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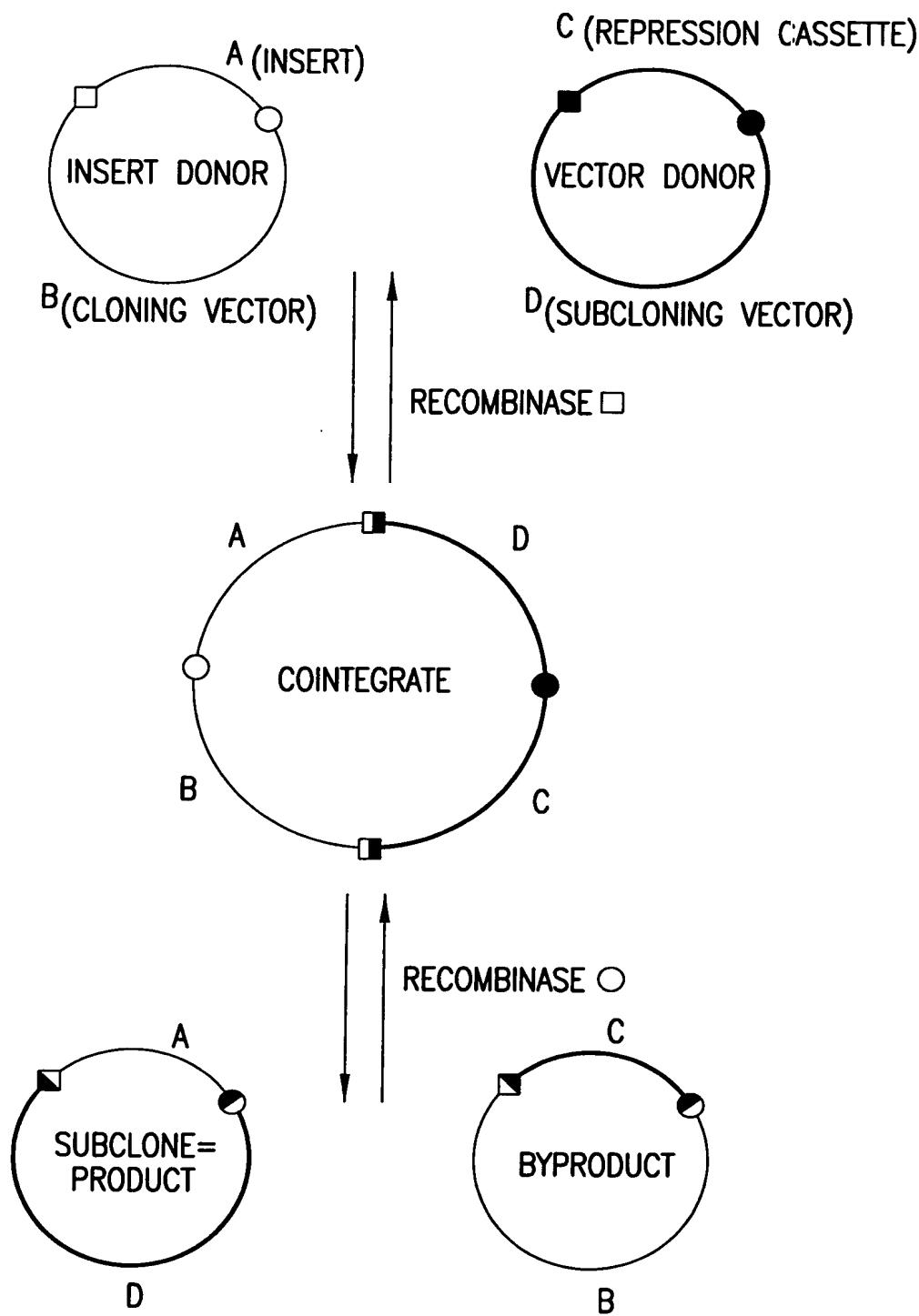


FIG.1

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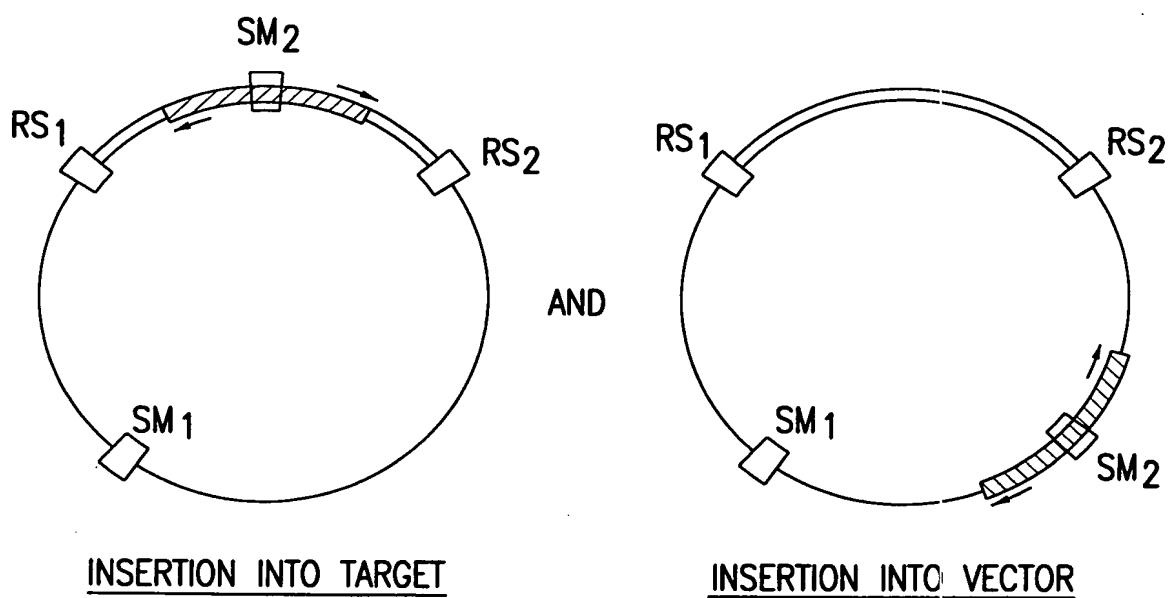
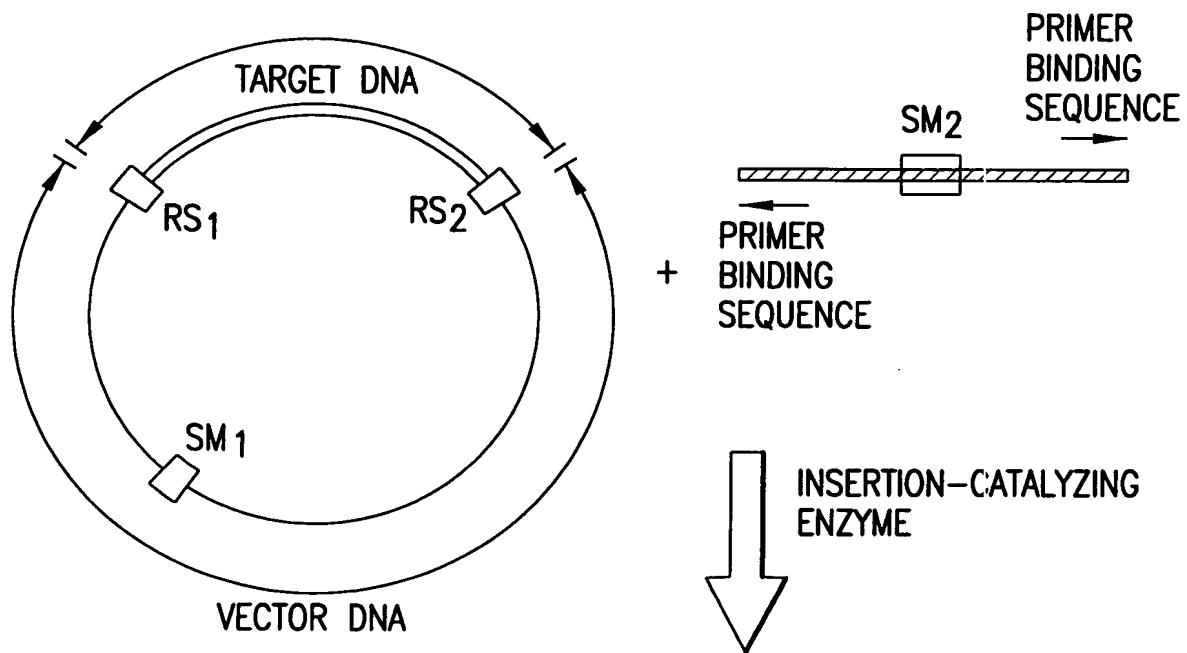


FIG.2

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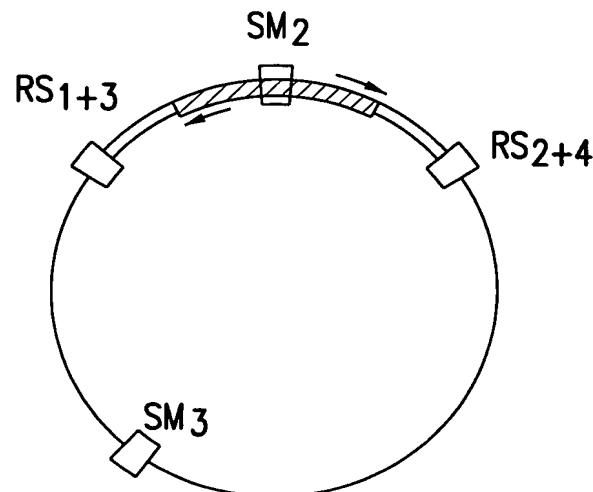
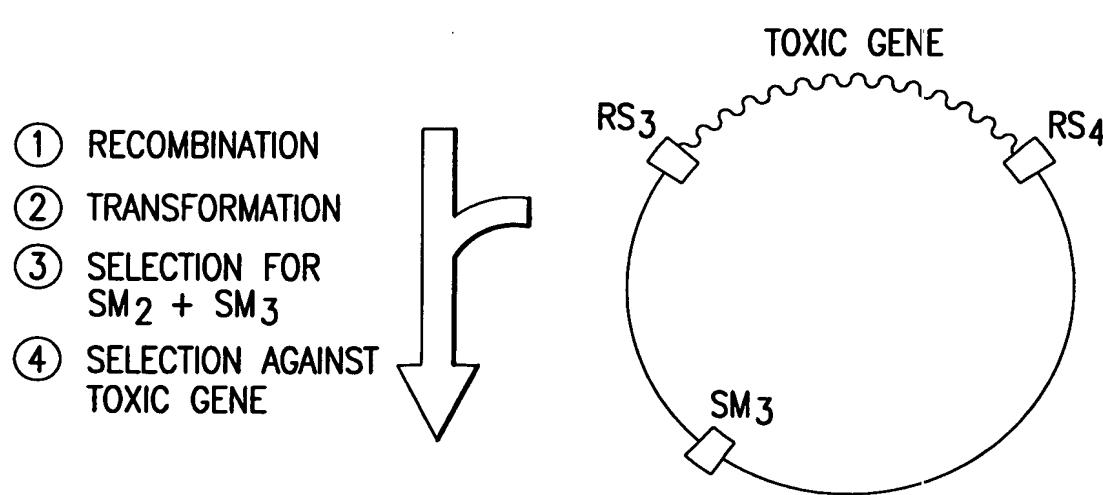
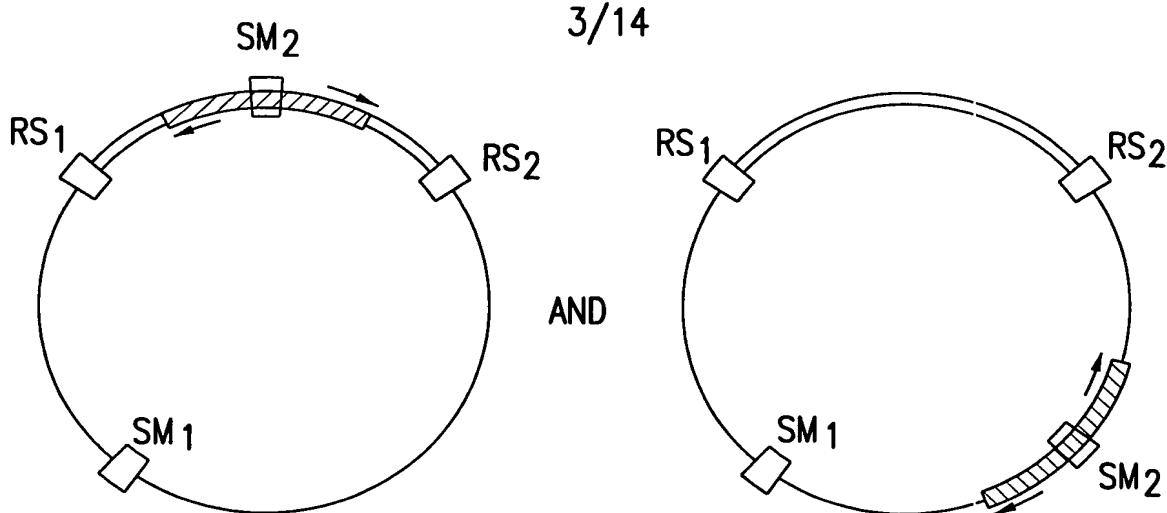
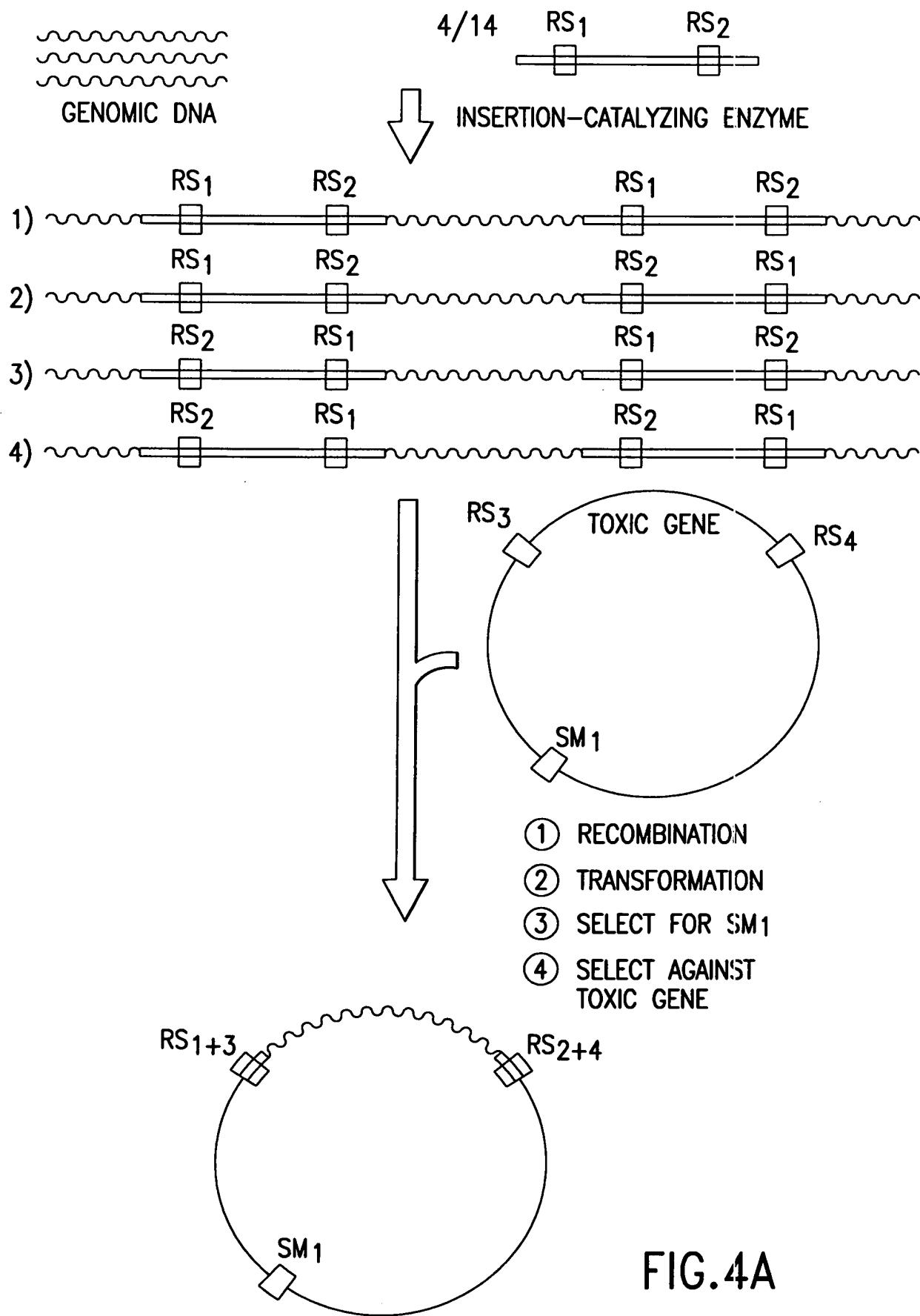


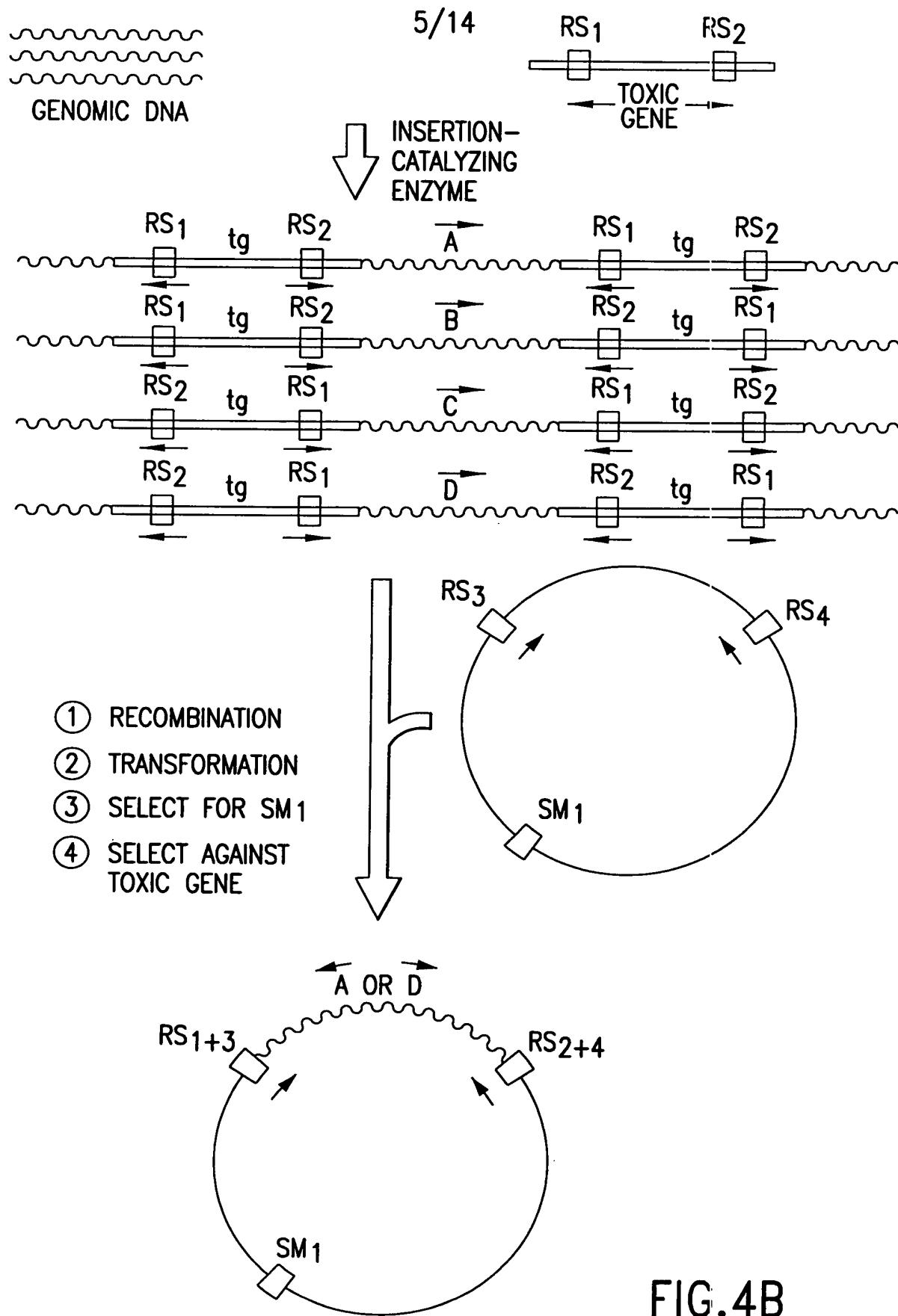
FIG.3

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Appl. No. 09/695,065; Filed: October 25, 2000
 Dkt. No. 0942.5000001/RWE/BJD; Group Art Unit: 1631
 Inventor(s): Michael A. BRASCH *et al.*; Tel: 202/371-2600
 Title: Methods of Manipulating and Sequencing Nucleic Acid...



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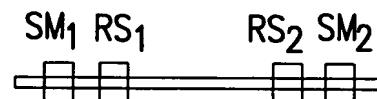
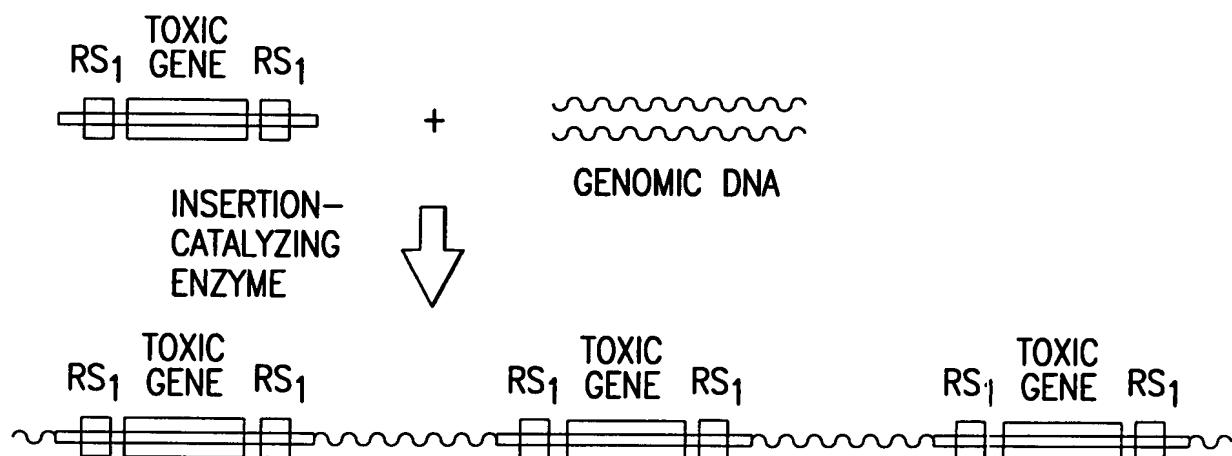


FIG.5



- ① RECOMBINATION
- ② TRANSFORMATION
- ③ SELECT FOR SM₁
- ④ SELECT AGAINST TOXIC GENE

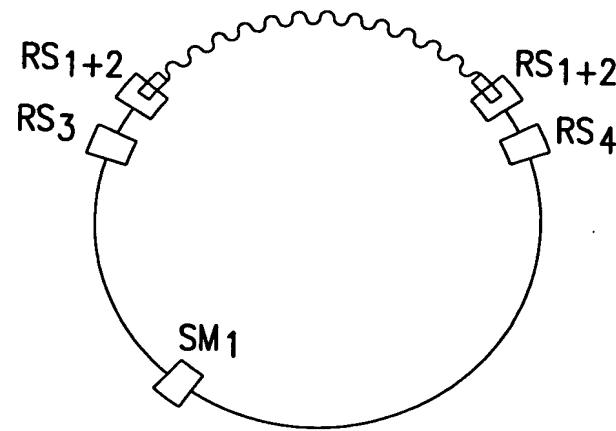
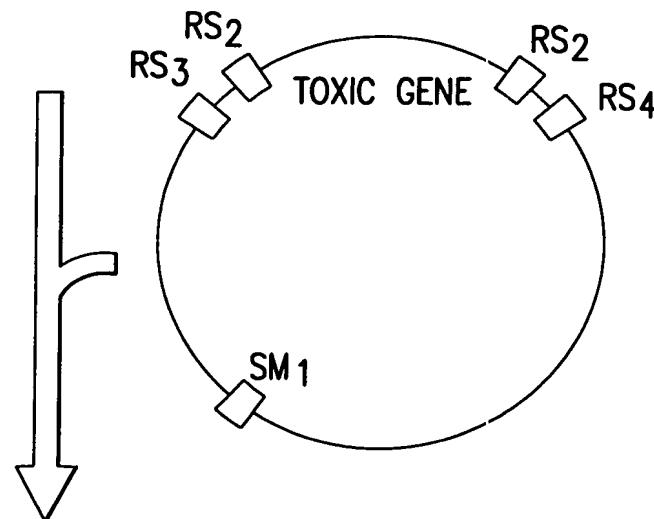


FIG.6

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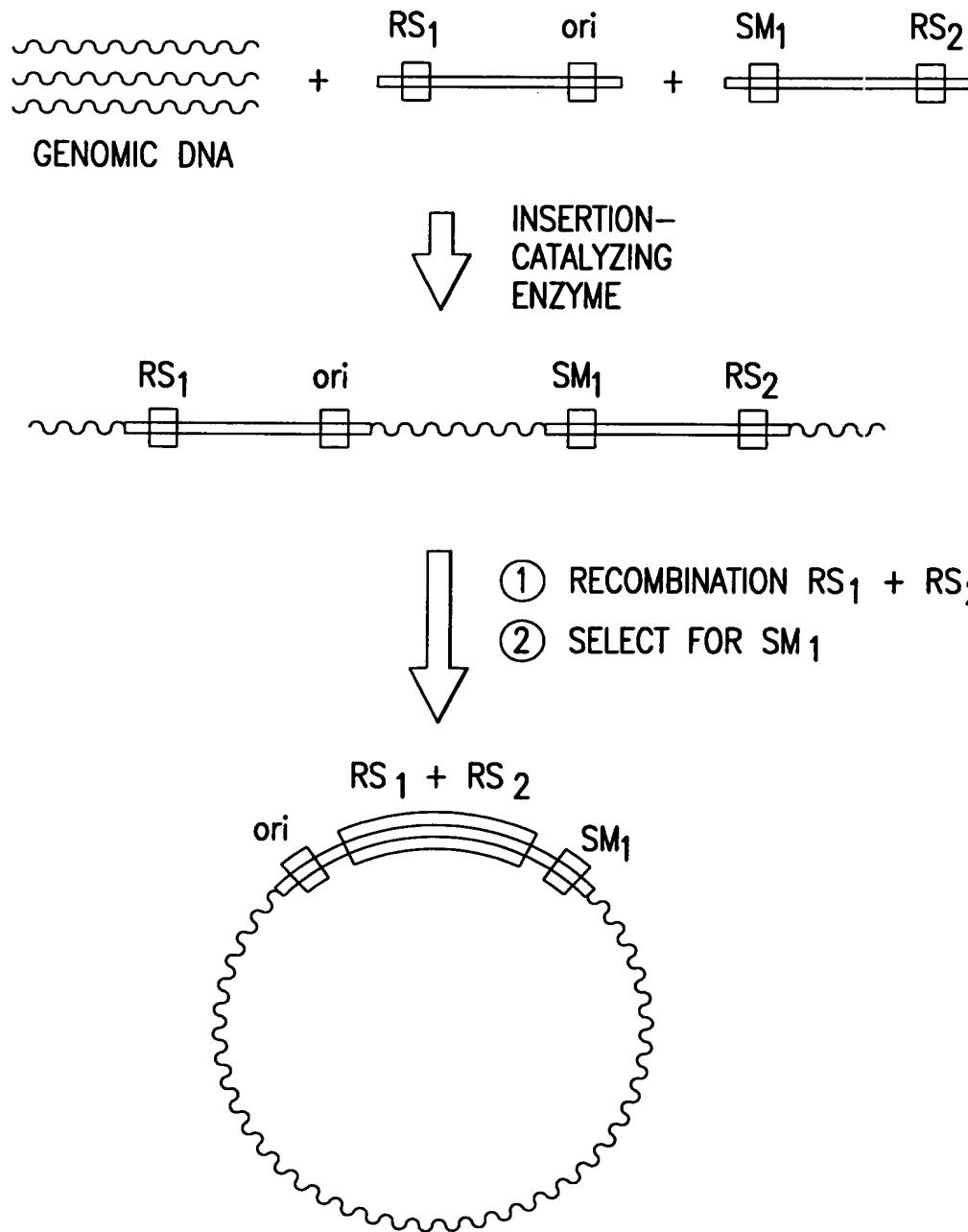
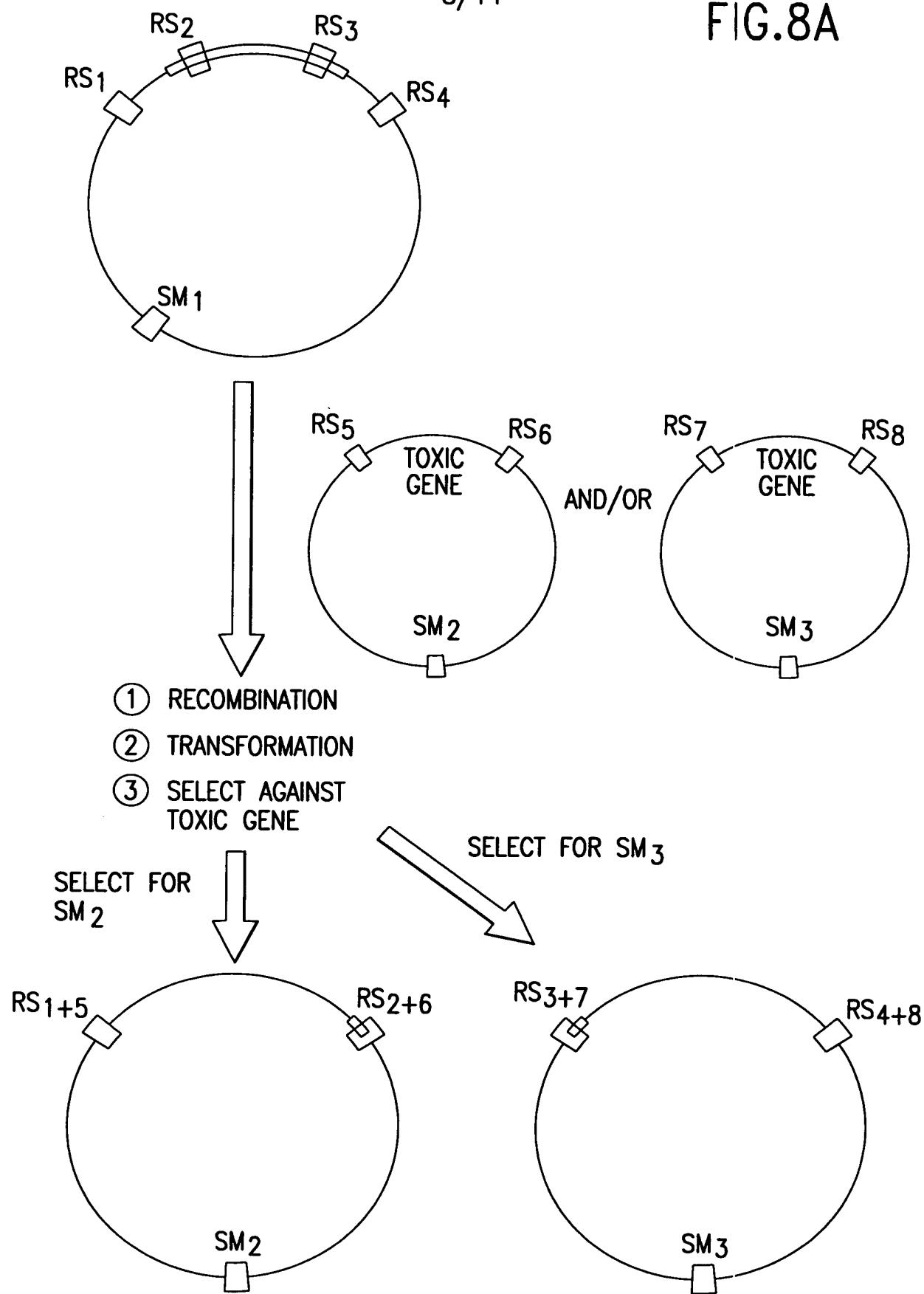


FIG.7

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FIG.8A



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 Inventor(s): Michael A. BRASCH *et al.*; Tel: 202/371-2600
 Title: Methods of Manipulating and Sequencing Nucleic Acid...

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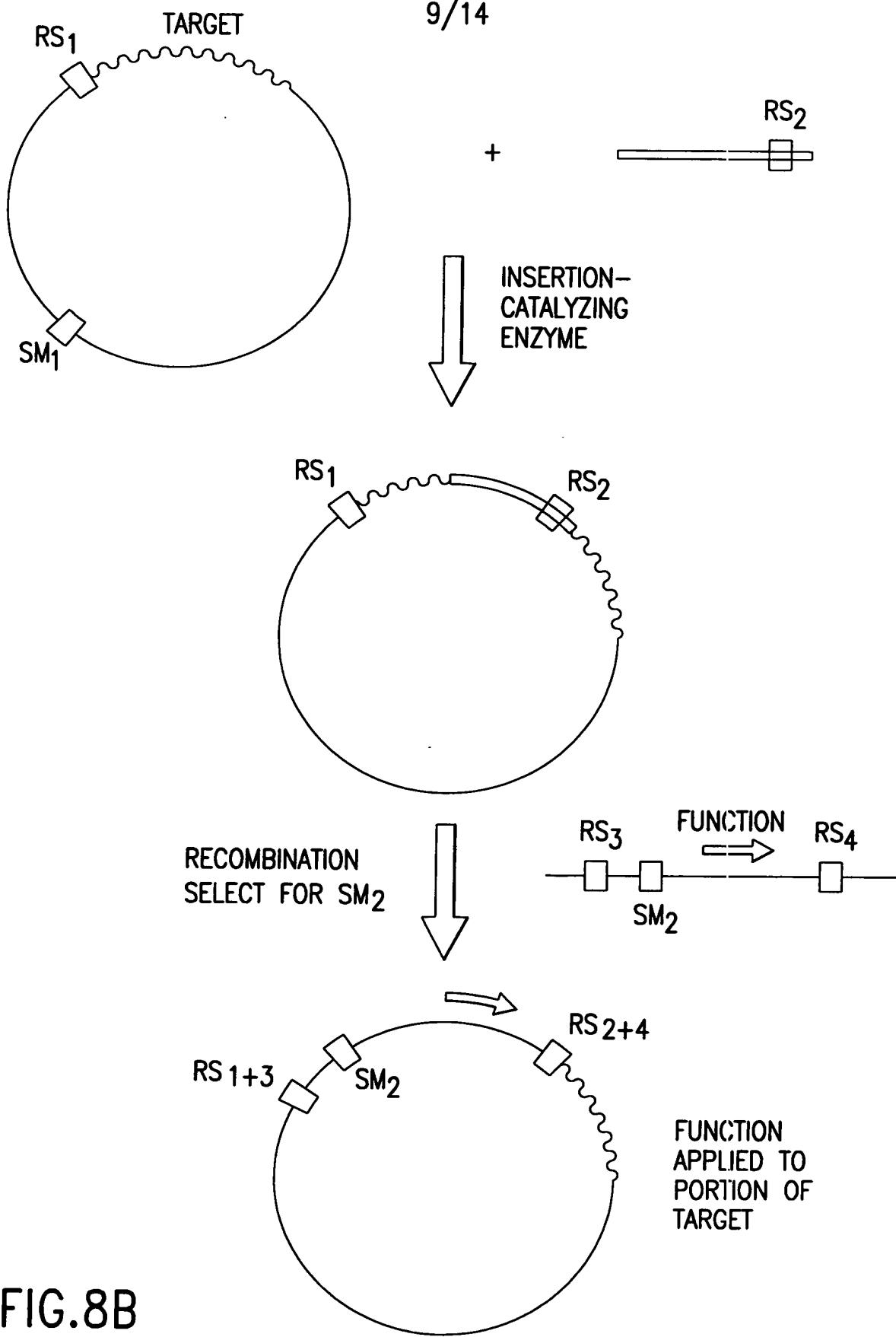
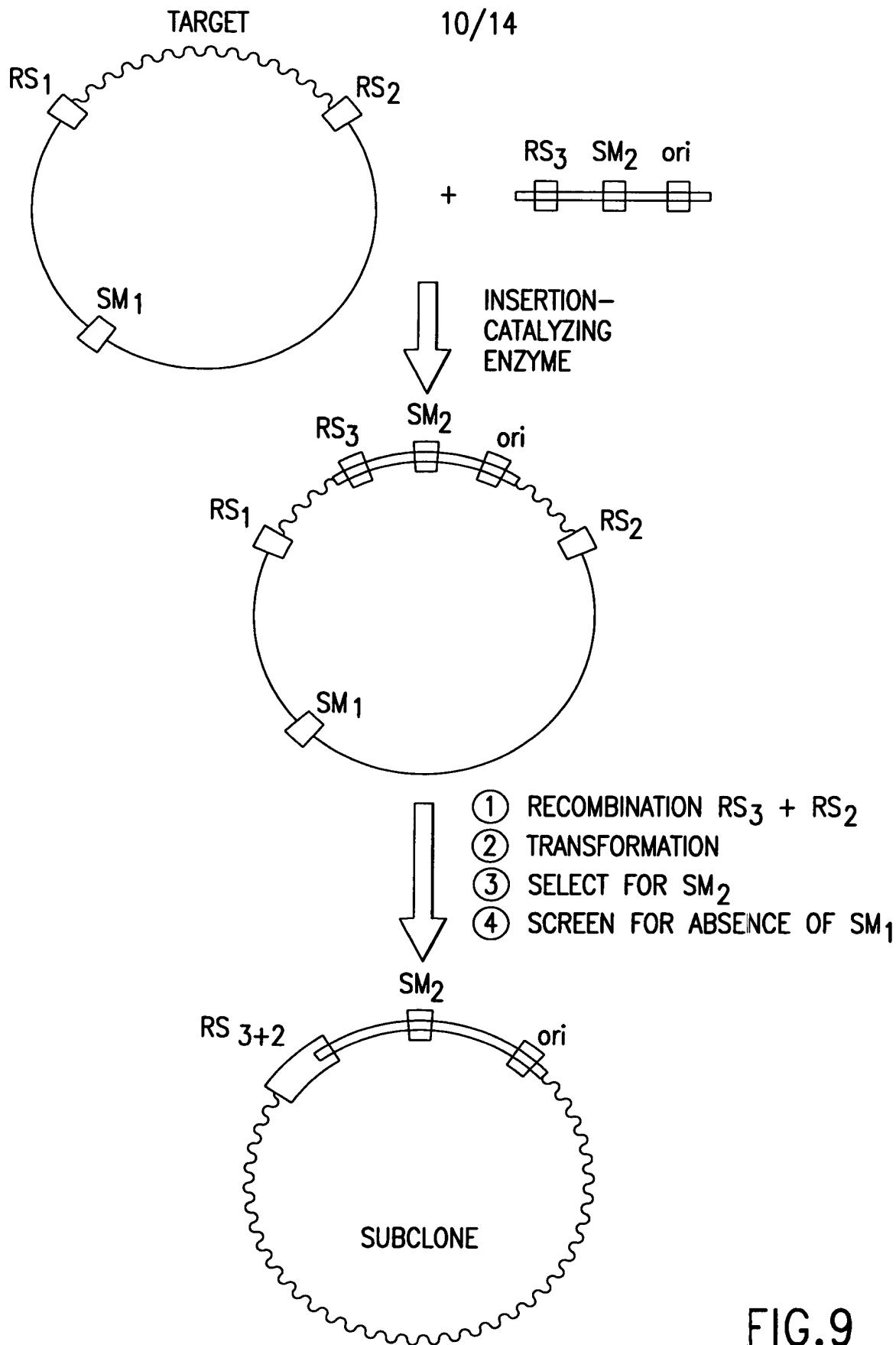


FIG.8B

APPROVED	O.G. FIG.
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 Dkt. No. 0942.5000001/RWE/BJD; Group Art Unit: 1445
 Inventor(s): Michael A. BRASCH *et al.*; Tel: 202/371-2600
 Title: Methods of Manipulating and Sequencing Nucleic Acid...

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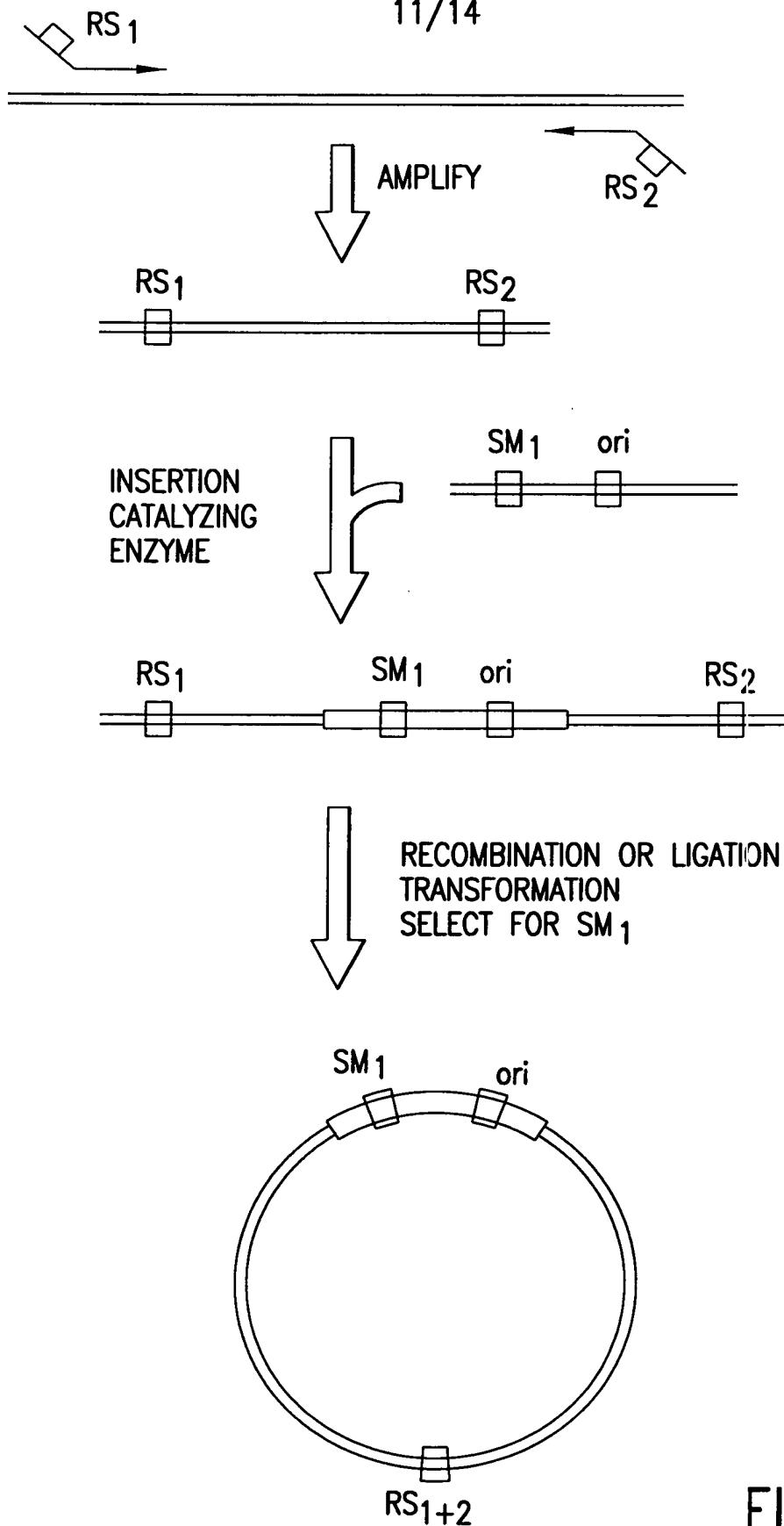


FIG.10

APPROVED	O.G. FIG.
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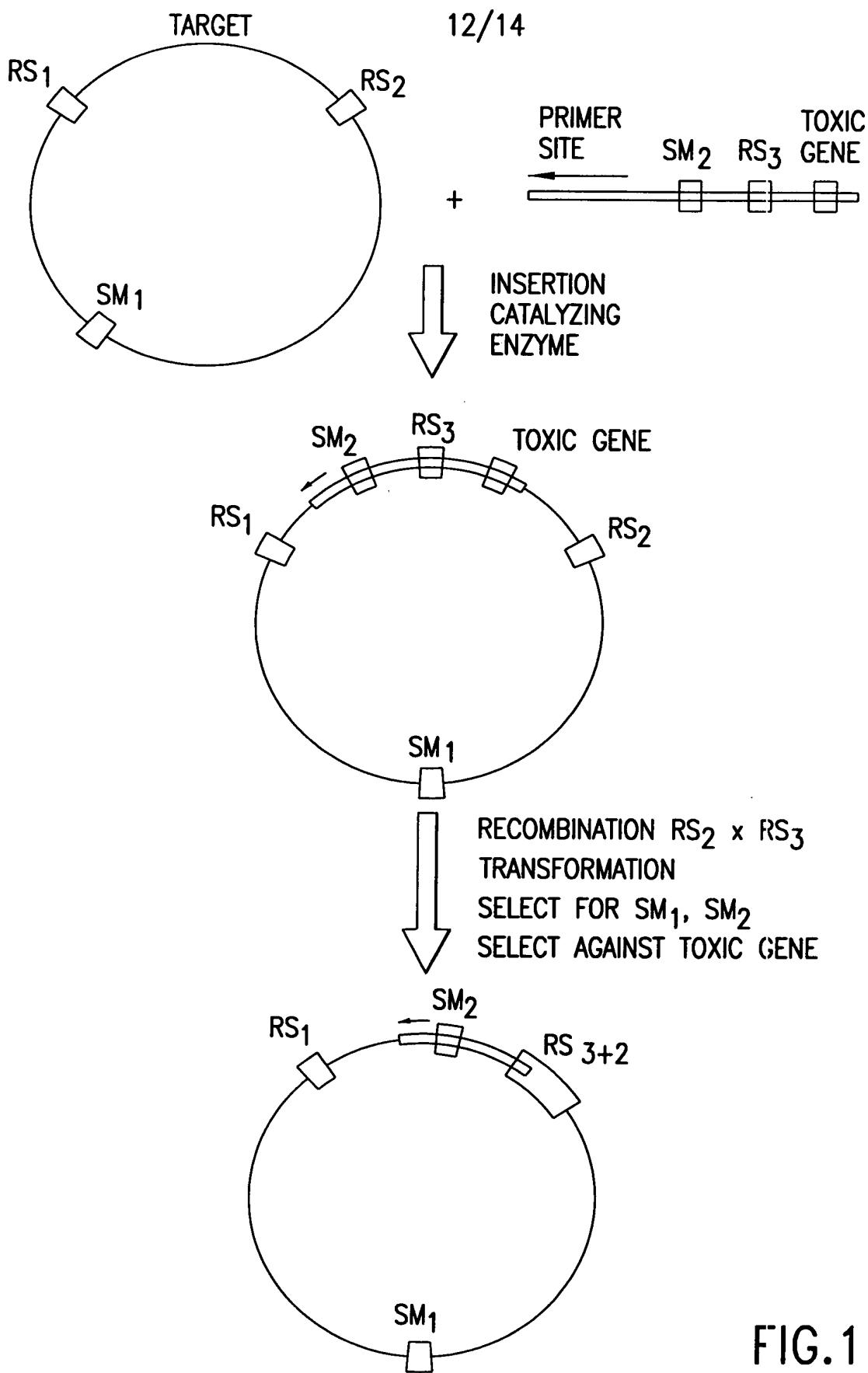
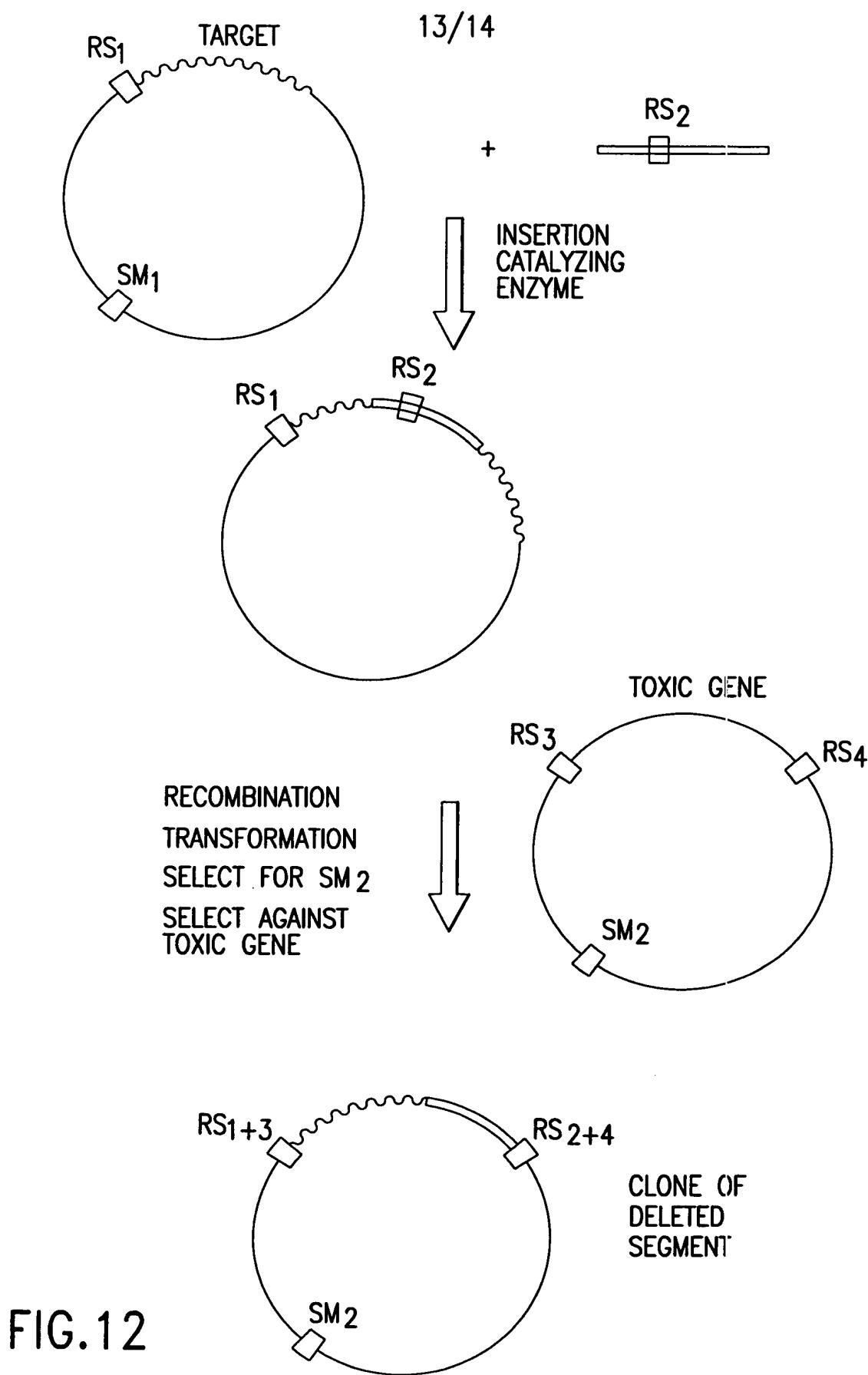


FIG. 11

APPROVED	O.G. FIG.
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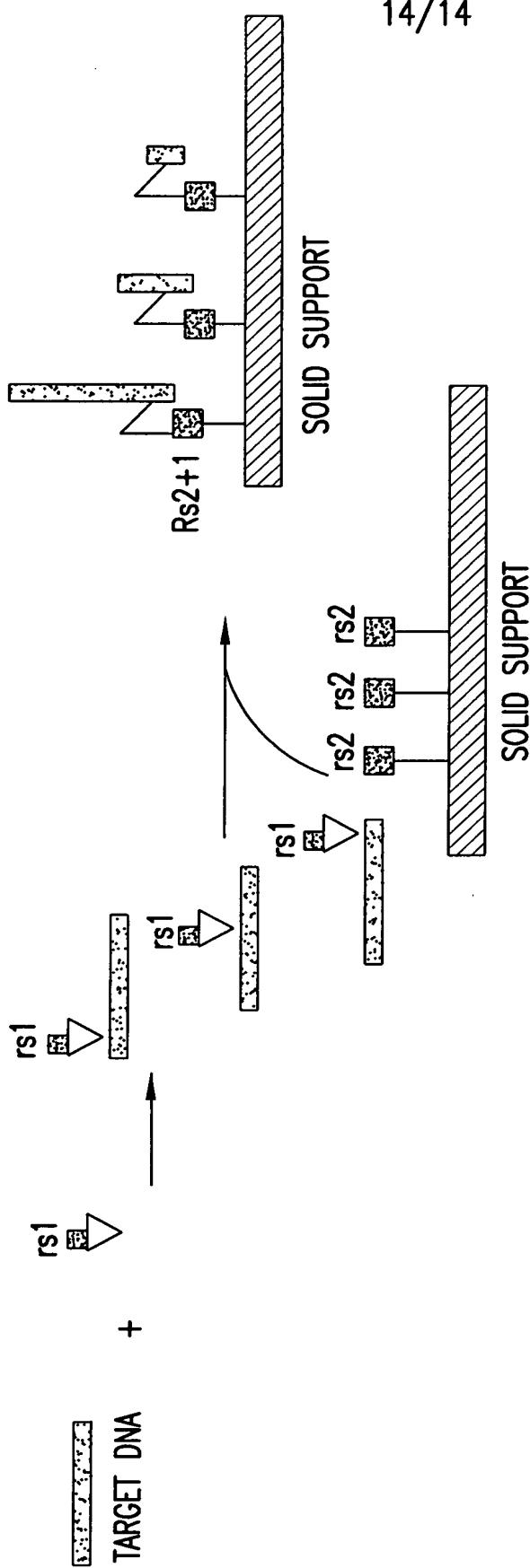


FIG. 13